

**Appendix 1****LIST OF PAPERS**

1. Testing ADC's for Specific Applications  
S. Marcovici  
Characterization and Testing of Analog-to-Digital Converters for Digital Signal Processing Applications-Professional Program-Electro 1988
2. A Signal Processing Data Acquisition System (SPDAS)  
S. Marcovici  
Signal Processing IV: Theories and Applications, J. L. Lacoume, A. Chehikian, N. Martin, and J. Malbos (Editors), Elsevier Science Publishers B. V. (North-Holland) presented at EURASIP, 1988
3. E/A-Transfers uber den VMEbus minimiert  
S. Marcovici  
VMEbus, Franzis-Verlag, Munchen, May 1989
4. A Multichannel, 500 kHz, 16 Bit Accuracy Data Acquisition System on a Single VME/VXI Board  
S. Marcovici  
Paper # 89-0080 presented at ISA, 1989
5. Multichannel Compact Data Acquisition System for VME Based Precision Measurements  
S. Marcovici  
Presentation during VME Seminar, CERN, Switzerland, 1990
6. Analog-to-Digital Conversion Techniques (Course)  
S. Marcovici  
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7. Analog-to-Digital Conversion Techniques (Course)  
S. Marcovici  
IEEE Nuclear and Plasma Science Society, Santa Fe, NM, 1991
8. Cadmium Tungstate Detector for Computed Tomography  
R. Deych, J. Dobbs, S. Marcovici, B. Tuval  
Proceedings of the International Conference on Inorganic Scintillators and Their Applications, SCINT 95, P. Dorenbos, C.W. van Eijk (editors)  
Delft University Press, Delft, The Netherlands, 1995

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9. I and Gd Contrast Elements: Image Contrasts with Monochromatic Synchrotron CT and Conventional CT  
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F. A. Dilmanian, X. Y. Wu, E. C. Parsons, B. Ren, J. Kress, T. M. Button, L. D. Chapman, J. A. Coderre, F. Giron, D. Greenberg, D. J. Krus, Z. Liang, S. Marcovici, M. J. Petersen, C. T. Roque, M. Shleifer, D. N. Slatkin, W. C. Thomlinson, K. Yamamoto, Z. Zhong  
Phys. Med. Biol. **42** (1997) 371-387
11. The Tomography Beamline at the National Synchrotron Light Source  
F. A. Dilmanian, X. Y. Wu, E. C. Parsons, Jr., B. Ren, T. M. Button, L. D. Chapman, X. Huang, S. Marcovici, R. Menk, E. L. Nickoloff, M. J. Petersen, C. T. Roque, W. C. Thomlinson, Z. Zhong  
Proceedings of the V International Conference on Applications of Physics in Medicine and Biology, Trieste, Italy, Sept. 2-6, 1996 also Physica Medica (1997)
12. Amorphous Selenium Based X-ray Detectors  
Sorin Marcovici, Sicon'01 Sensors for Industry Conference, 5-7 Nov. 2001